

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	360	606/219.ccls.	US-PGPUB; USPAT	OR	ON	2006/12/04 16:48
S2	248	S1 and @ad<="20020416"	US-PGPUB; USPAT	OR	ON	2006/12/04 16:52
S3	4	"2003088845"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/04 16:53
S4	0	(Russel with Heinrich).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/04 16:54
S5	30	(Russell with Heinrich).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/04 16:54
S6	360	606/219.ccls.	US-PGPUB; USPAT	OR	ON	2006/12/05 13:19
S7	74	S6 and needle\$	USPAT	OR	ON	2006/12/05 13:19
S8	248	S6 and @ad<="20020416"	US-PGPUB; USPAT	OR	ON	2006/12/05 13:19
S9	67	S8 and needle\$	USPAT	OR	ON	2006/12/05 13:19
S10	108	("1934900"   "2541246"   "3261357"   "3551987"   "3717151"   "4111206"   "4310115"   "4397311"   "4402444"   "4485817"   "4573622"   "4607620"   "4608965"   "4610383"   "4635638"   "4655219"   "4760848"   "4763668"   "4773420"   "4784137"   "4863438"   "4944443"   "4944732"   "4944741"   "4982727"   "4994079"   "5006106"   "5007900"   "5015249"   "5035248"   "5040715"   "5042707"   "5071430"   "5073166"   "5088979"   "5099827"   "5104394"   "5141144"   "5156608"   "5170925"   "5188638"   "5197649"   "5207691"   "5254126"   "5314436"   "5316543"   "5327914"   "5330486"   "5368599"   "5376095"   "5403326"   "5571116").PN. OR ("5897562").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/05 13:25
S11	6	"5797931"	USPAT	OR	ON	2006/12/05 13:37
S12	1	"6045560".pn.	USPAT	OR	ON	2006/12/07 10:47

## EAST Search History

S13	1	"5895412".pn.	USPAT	OR	ON	2006/12/07 10:47
S14	108	( "1934900"   "2541246"   "3261357"   "3551987"   "3717151"   "4111206"   "4310115"   "4397311"   "4402444"   "4485817"   "4573622"   "4607620"   "4608965"   "4610383"   "4635638"   "4655219"   "4760848"   "4763668"   "4773420"   "4784137"   "4863438"   "4944443"   "4944732"   "4944741"   "4982727"   "4994079"   "5006106"   "5007900"   "5015249"   "5035248"   "5040715"   "5042707"   "5071430"   "5073166"   "5088979"   "5099827"   "5104394"   "5141144"   "5156608"   "5170925"   "5188638"   "5197649"   "5207691"   "5254126"   "5314436"   "5316543"   "5327914"   "5330486"   "5368599"   "5376095"   "5403326"   "5571116").PN. OR ("5897562").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/07 11:28
S15	33	S14 and annular	USPAT	OR	ON	2006/12/07 11:33
S16	23	S15 and (pins or pin)	USPAT	OR	ON	2006/12/07 11:33
S17	1	"6488197".pn.	USPAT	OR	ON	2006/12/07 11:37